

Draft Agenda
Numeric Nutrient Criteria Workshop
U.S. EPA Regional Office, 21st Floor Conference Room
Starting at 1PM, February 25th and ending at 2PM, February 27th

Day 1 (Afternoon) (1PM- 5:30PM)

Introductory remarks –*Christine Psyk, Associate Director Office of Water and Watersheds R10*
[1-1:20]

Agenda overview and logistics [1:20-1:30]

Assessment Endpoints [1:30-2:30]

*Ken Merrill, Kalispel Natural Resources Department– Water Quality Degradation in an
Oligotrophic Waterbody [2:30-2:50]*

Discussion [2:50-3:00]

Reference Condition Approach [3:00-4:00]

Cheryl Brown, ORD – Reference condition approach in OR estuaries [4:00-4:20]

Discussion [4:20-4:30]

Stressor-Response Analysis [4:30-5:30]

Adjourn-5:30

Day 2 (Morning) (start at 8:00AM, end at 5:30PM; 45 mins lunch and social hour at 5:30)

Stressor-Response Analysis, Ctd: *Chris Mebane, USGS, Nutrient limitation dynamics in
Idaho streams [8:00-8:20]*

Discussion, [8:20-8:30]

Mechanistic Modeling [8:30-9:30]

*Mindy Roberts, Washington Dept of Ecology, Puget Sound nutrient loading impacts on
dissolved oxygen [9:30-9:50]. **[note that this may be moved to implementation session]***

Discussion [9:50-10:00]

Duration and Frequency [10:00-11:00]

Downstream protection [11:00-noon]

Lunch Break, 45 minutes noon-12:45 [feel free to bring lunch back]

Day 2 (Afternoon) 12:45PM-5:30PM

Combined Criteria Approach [12:45-1:45]

*Aron Borok, OR DEQ, Oregon's combined criteria approach and nutrient reductions
[1:45-2:05]*

Discussion [2:05-2:15]

Monitoring and data analysis

Mary Anne Nelson, IDEQ, Interpreting narrative nutrient criteria in Idaho [2:15-2:35]

Data Analysis and Reporting Session from [2:35-3:50]

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Break, [3:50-4:00]

Implementation Strategies, Tools, and Areas of Focus

Implementation Strategies Introduction [4:00-4:10PM]

Denise Elston, AK DEC, Current Status of Nutrient Regulations in Alaska [4:10-4:30]

Susan Braley, WA ECY, Washington's nutrient control strategy [4:30-4:50]

Dan Wise, USGS – New Sparrow Model Results to assess nutrient loading and source contributions [4:50-5:10]

Discussion and Questions [5:10-5:30]

Social Hour at 5:30PM—

Day 3 (Morning through Mid-Afternoon) (start at 8:00AM, end at 2:00PM) (HQ leaves at 11AM)

Implementation Strategies, Tools, and Areas of Focus, ctd.

Ben Cope, EPA OEA, R10, an overview of R10 concerns and nutrient problem assessment in TMDLS [8:00-8:20]

Jana Compton, EPA ORD, an overview of economic impacts from nutrient loading in the PNW [8:20-8:40]

Michael Brett, University of Washington, a new cost-effective tool for reducing N from onsite septic systems [8:40-9:00]

Discussion [9:00-9:20]

Brian Nickel, EPA R10, Assessing endpoints and setting nutrient limits in permits [9:20-9:40]

Claire Schary, EPA R10, WQ Trading in Region 10 [9:40-10:00]

Discussion [10:00-10:20]

Input on Nutrient Criteria and Implementation Strategies – Outstanding Questions, Feedback, and Future Work [10:20-10:50AM]

Setting Priorities in Region 10 – Introduction [11-11:30]

Region 10 Nutrient Hot Spot Identification Tool [11:30-12]

Lunch – pick up and bring back- [12-12:20PM]

R10 regional nutrient strategy and focus for the Region

Breakout Sessions

[12:30-1:30PM]

Discussion, wrap-up and adjourn 1:30-2PM